

ABSTRACT OF THE DISCLOSURE

An image processing device according to the present invention comprises a combination average calculation processing unit for making a combination of two or more pixels from the multiple pixels having the same kind of the color component near the pixel of interest, and calculating the average for the color components of the two or more pixels making up the combination for multiple kinds of combinations of the pixels within the region near the pixel of interest, a color correlation estimation processing unit for estimating the color correlation which is a correlation between different kinds of color components near the pixel of interest, and a combination selection processing unit for selecting one of the multiple combination averages calculated by the aforementioned combination average calculation processing unit as the non-existent color component for the pixel of interest, based upon the color correlation estimated by the aforementioned color correlation estimation processing unit.